

- (a) storing the program guide information;
- (b) setting a command of the [TV] signal receiver which is commonly usable by a user as a display command to display time information about a currently viewed program [on the picture tube]; and
- (c) displaying the time information about the currently viewed program [on the picture tube] when the user issues the display command set in said step (b).

2. (ONCE AMENDED) A method of displaying a program progress time as claimed in claim 1, further comprising the step of displaying the time information together with the currently viewed program [on the picture tube].

3. (AS FILED) A method of displaying a program progress time as claimed in claim 1, wherein the time information is a program terminating time of the currently viewed program.

4. (ONCE AMENDED) A method of displaying a program progress time as claimed in claim [3] 2, wherein the time information further comprises a beginning time and a current time with respect to the currently viewed program.

5. (AS FILED) A method of displaying a program progress time as claimed in claim 4, wherein the time information includes the program progress time determined by subtracting the beginning time from the current time.

6. (AS FILED) A method of displaying a program progress time as claimed in claim 5, wherein the time information further comprises a remaining program time determined by subtracting the current time from the program terminating time.

7. (ONCE AMENDED) A [The] method of displaying a program progress time [as claimed in claim 6] on a signal receiver which receives and processes program guide

information containing a program schedule, comprising:

storing the program guide information;

displaying time information about a currently viewed program on the signal

receiver when a user issues a display command; and

[further comprising the step of] displaying next program information when the remaining  
program time reaches [to] a preset time.

8. (AS FILED) A method of displaying a program progress time as claimed in claim 7, wherein the time information further comprises a percentage of the program progress time as compared with a total program broadcasting time calculated by subtracting the beginning time from the program terminating time.

9. (AS FILED) A method of displaying a program progress time as claimed in claim 8, wherein the time information further comprises a percentage of the remaining program time as compared with the total program broadcasting time.

10. (ONCE AMENDED) A method of displaying a program progress time as claimed in claim 1, wherein the commonly usable command of the [TV] signal receiver is a command for a channel up/down.

11. (ONCE AMENDED) A method of displaying a program progress time as claimed in claim 1, wherein the commonly usable command of the [TV] signal receiver is a command for a remote controller event.

*Sub D3*  
12. (ONCE AMENDED) A method of displaying a program progress time [as claimed in claim 1, further comprising the step of] on a signal receiver which receives and processes program guide information containing a program schedule, comprising:

storing the program guide information;

displaying time information about a currently viewed program on the signal

receiver when a user issues a display command set; and

judging that the command for displaying the program progress time is issued by the user so as to display the program progress time at a preset time set by the user prior to a program terminating time of the currently viewed program.

*DWB* 13 (ONCE AMENDED) A method of displaying a program progress time in a [TV] signal receiver which receives and processes program guide information containing a program schedule, comprising the steps of:

receiving and storing the program guide information;

determining a total program broadcasting time of a currently viewed program by subtracting a program beginning time from a program terminating time of the currently viewed program when a user issues a command requesting the displaying of the program progress time of the currently viewed program;

determining the program progress time by subtracting the beginning time from a current time;

displaying a display bar representing the total program broadcasting time; and

displaying the display bar so as to indicate a position on the display bar corresponding to the program progress time.

14. (AS FILED) A method of displaying a program progress time as claimed in claim 13, further comprising the step of displaying the display bar by distinguishing between a portion of the program progress time elapsed and a remaining program progress time portion.

15. (AS FILED) A method of displaying a program progress time as claimed in claim 14, further comprising the step of displaying the program progress time on a portion of the display bar between a starting position of the display bar and a position corresponding to the program progress time on the display bar.

16. (AS FILED) A method of displaying a program progress time as claimed in claim 14, comprising the step of displaying the remaining program progress time on a portion of the display bar between a position corresponding to the program progress time and an end position of the display bar.

*Sub B37*

17. (ONCE AMENDED) A method of displaying a program progress time of a currently viewed program of a [television (TV)] signal receiver, the method comprising the steps of:

receiving program guide information including a program schedule having the currently viewed program; and

displaying the program progress time of the currently viewed program in response to a command from a user to perform a function other than displaying the program progress time upon receipt of the command.

18. (AS FILED) The method as claimed in claim 17, wherein the command is one of an activating a channel up/down key, determining an occurrence of a remote controller event, and setting of a preset time prior to a program termination of the currently viewed program.

19. (AS FILED) The method as claimed in claim 17, wherein said displaying step comprises the step of simultaneously displaying the program progress time and the currently viewed program.

20. (AS FILED) The method as claimed in claim 17, further comprising the steps of:

generating a setup display for the user to designate ones of a plurality of commands to function as the command to perform the function other than displaying the program progress time upon receipt of the command; and

receiving inputs from the user designating the ones of the plurality of the

commands to function as the command to perform the function other than displaying the program progress time upon receipt of the command.

*SAC* 21. (ONCE AMENDED) A [The] method [as claimed in claim 17] of displaying a program progress time of a currently viewed program of a signal receiver, the method comprising:

receiving program guide information including a program schedule having the currently viewed program;

displaying a program progress time of the currently viewed program in response to a command from a user to perform a function other than displaying the program progress time upon receipt of the command; and

[further comprising the step of] displaying next program information of a next program on a same channel as the currently viewed program at the preset time prior to the program termination of the currently viewed program.

22. (AS FILED) The method as claimed in claim 17, further comprising the steps of:

generating a setup display for the user to designate ones of a plurality of commands to function as the command to perform the function other than displaying the program progress time upon receipt of the command, wherein a one of the plurality of commands is to display the program progress time at a preset time prior to a program termination of the currently viewed program, and for the user to designate another command to display next program information on a same channel as the currently viewed program at the preset time;

receiving inputs from the user designating whether the ones of the plurality of the commands are to function as the command to perform the function other than displaying the program progress time upon receipt of the command; and

displaying the next program information at the preset time if the first and the other commands are set by the user positively.

23. (AS FILED) The method as claimed in claim 17, wherein the program progress time includes a program beginning time, a current time, and a program termination time of the currently viewed program.

24. (AS FILED) The method as claimed in claim 23, wherein the program progress time further includes a channel number, a name of a broadcast station and a title of the currently viewed program.

*Dub 85* 25. (ONCE AMENDED) The method as claimed in claim 23, wherein said displaying step comprises the step of displaying the beginning time at a start of a display bar, the program termination time at an end of the display bar, and the current time at a position of the display bar corresponding to a percentage of time elapsed versus a total time of the currently viewed program.

*A1* 26. (ONCE AMENDED) A [The] method [as claimed in claim 25,] of displaying a program progress time including a program beginning time, a current time, and a program terminating time of a currently viewed program of a signal receiver, the method comprising:

receiving program guide information including a program schedule having the currently viewed program;

displaying the program progress time of the currently viewed program in response to a command from a user to perform a function other than displaying the program progress time upon receipt of the command wherein said displaying the program progress time [step] further comprises [the step of] displaying the beginning time at a start of a display bar, the program termination time at an end of the display bar, and the current time at a position of the display bar corresponding to a percentage of time elapsed versus a total time of the currently viewed program, and displaying a first percentage number of the time elapsed and a second percentage number of a time remaining versus the total time of the currently viewed program.

27. (ONCE AMENDED) A [The] method [as claimed in claim 25,] of displaying a program progress time including a program beginning time, a current time, and a program terminating time of a currently viewed program of a signal receiver, the method comprising:

receiving program guide information including a program schedule having the currently viewed program; and

displaying the program progress time of the currently viewed program in response to a command from a user to perform a function other than displaying the program progress time upon receipt of the command wherein said displaying the program progress time [step] further comprises [the step of] displaying the beginning time at a start of a display bar, the program termination time at end of the display bar, and the current time at a position of the display bar corresponding to a percentage of time elapsed versus a total time of the currently viewed program and the command is to display the program progress time automatically at a preset time prior to a program termination of the currently viewed program.

A  
1  
out.

*SuBb* 28. (ONCE AMENDED) A device for displaying a program progress time, comprising:

a receiving unit to receive a [TV] program and a [TV] program guide containing a program schedule which includes information on the TV program;

[a user interface to enable entry of a command from a user requesting display of the program progress time;

an audio output unit to generate an audio signal of the TV program;]

a processor to produce [On-Screen-Graphic] data for displaying the program progress time in response to the command from the user [and based upon the program schedule];

a video output unit to mix video data of the [TV] program and [On-Screen-Graphic] said data for displaying the program progress time of the [TV] program, to output a resulting signal; and

a display to display the resulting signal.

*Sub D6*

29. (ONCE AMENDED) A [The device as claimed in claim 28,] device for displaying a program progress time, comprising:

a receiving unit to receive a TV program and a TV program guide containing a program schedule which includes information on the TV program;

a user interface to enable entry of a command from a user requesting display of the program progress time;

an audio output unit to generate an audio signal of the TV program;

a processor to produce On-Screen-Graphic data for displaying the program progress time in response to the command from the user and based upon the program schedule;

a video output unit to mix video data of the TV program and On-Screen-Graphic data of the TV program, to output a resulting signal; and

a display to display the resulting signal wherein the command is one of an activating a channel up/down key, determining an occurrence of a remote controller event, and setting of a preset time prior to a program termination of the currently viewed program.

30. (ONCE AMENDED) A [The device as claimed in claim 28,] device for displaying a program progress time, comprising:

a receiving unit to receive a TV program and a TV program guide containing a program schedule which includes information on the TV program;

a user interface to enable entry of a command from a user requesting display of the program progress time;

an audio output unit to generate an audio signal of the TV program;

a processor to produce On-Screen-Graphic data for displaying the program progress time in response to the command from the user and based upon the program schedule;

a video output unit to mix video data of the TV program and On-Screen-Graphic data of the TV program, to output a resulting signal; and

a display to display the resulting signal wherein said processor produces ON-Screen Graphic data for displaying next program information of a next program on a same channel as the TV program at a preset time prior to a program termination of the TV program.

Please ADD new claims 31-34 as follows:

- Dub B7*
31. (NEW) A method of displaying a program progress time of a currently viewed program comprising:  
issuing a user-initiated display command; and  
displaying a program terminating time of the currently viewed program in response to the display command.
32. (NEW) The method of claim 31 further comprising displaying the program terminating time at a preset time set by the user prior to the program terminating time of the currently viewed program.
33. (NEW) A method of displaying a program progress time on a signal receiver which receives and processes program guide information containing a program schedule, comprising the steps of:  
storing the program guide information; and  
displaying time information about a currently viewed program on the signal receiver when a user issues a display command set.
34. (NEW) A method of outputting a program progress time information to a display, comprising the steps of:  
receiving program guide information containing a program schedule;  
storing the program guide information; and  
outputting the time information about a currently viewed program on the display when a user issues a display command set.